

Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 12, with the following rewritten paragraph:

-- Conventionally, the exhaust gas of a car contains pollutants such as unburned hydrocarbon (HC), an NO_x gas and an SO_x gas. In order to reduce the pollutants, therefore, S in a gasoline is removed ~~for the~~ from the SO_x or unburned HC is burned by a catalyst, for example. --

Please replace the paragraph beginning at page 16, line 6, with the following rewritten paragraph:

-- As shown in an arrow of Fig. 1, a gasoline to be identified which flows from a gasoline inlet 18 into the first passage 14 passes through an alcoholic contents detecting chamber 56. Then, the identified gasoline passes through the alcoholic contents detecting chamber 56, and ~~thereafter, enters~~ thereafter enters the second passage 16 to temporarily stay in a gasoline liquid type identifying chamber 20. The gasoline liquid type identifying chamber 20 is provided with an opening portion 22 for a liquid type identifying sensor taking the shape of ~~an almost truck~~ a race track, positioned in an upper part thereof. --